



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D5605-1
Job Sheet 174655



Part No: D5605-1

Job Qty: 4 ea

Part Name: Spacer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/20/18

Job Tracking No:

Due Date: 4/13/18

Created By: Michelle Gagnon-Donovan

Type: Rework

Description:

Note: TBD Dwg. D5605 Rev.A IPP Rev.A New issue 18/03/07 verified by:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		4/13/18	0.00	0.00	Start Up Machining-4		
122	Outsource	4 pcs		4/13/18	0.00	0.00	Outsource 17	D0039360	CT 18-2-20
124	Packaging	4 pcs		4/13/18	0.00	0.00	Packaging2		AT 18/03/24
126	QC	4 pcs		4/13/18	0.00	0.00	QC6		38
130	Packaging	4 pcs		4/13/18	0.00	0.00	Packaging3-2	ST 177	MAR 26 2018
140	QC21-SA	4 Ea		4/13/18	0.00	0.00	QC21		MAR 27 2018

Part Op 122 - Issue P/O to Groupe Altech: P/O 039360 - Passivate, QC-p-35c TYPE II - Certificate of Conformity is required
 Descriptions: 130 - Identify as per dwg & Stock Location:
 140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D5605-1	Spacer	4 Ea (1 ea)	90-Start up Operation	
M303R0.625	303 ROUND BAR			M137461

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D5605-1	4	4	0

Part Specifications

Specifications could not be found.

Plex 3/20/18 12:03 PM Dart.Gagnon.Michelle

Container No. 00000000

Spacer

PART NO: D5605 - 1
Serial No/Batch: S053108
Revision:
Operation: Packaging
Change No:

Packaging

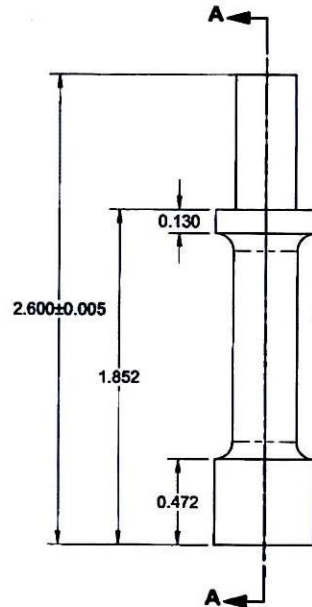
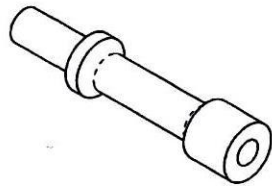
Mfg Date: 03/20/18
Job No: 174655

Job No: 174655

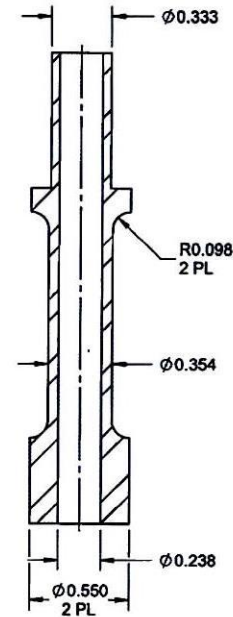
SHOP COPY
RETURN TO
ENGINEERING

UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 174655

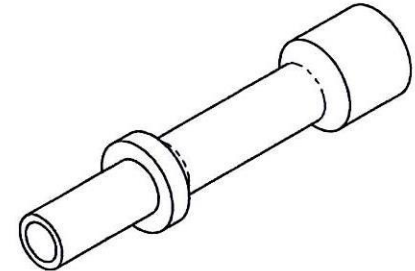
MAR 20 2018



D5605-1 SPACER



SECTION A-A



NOTES:

- 1) MATERIAL: AISI 303 ROUND BAR PER ASTM A582 (REF DART SPEC M303R)
- 2) FINISH: PASSIVATE PER AMS-QQ-P-35 TYPE II
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
- 7) WEIGHT: 0.06 lbs

RELEASED

2018 MAR 06
EUGENE, OR

APPROVED

A		NEW ISSUE		AJS	18.02.13
REV.	DESCRIPTION			BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC. EUGENE, OR			
DRAWN	AJS				
CHECKED	RF	DRAWING NO.	REV. A		
MFG. APPR.	JFS	D5605	SHEET 1 OF 1		
APPROVED	HS	TITLE	SCALE		
DE APPR.	CP	SPACER	NTS		
DATE	18.02.13	COPYRIGHT © 2018 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR DISCLOSED OR REPRODUCED BY ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039360**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO039360
PO Date: 3/20/18
Due Date: 3/29/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	174655	D5605-1	Spacer -Issue P/O to Groupe Altech: P/O -Passivate, QQ-p-35c TYPE II - Certificate of Conformity is required	Firmed	3/29/18	4 pcs	0 pcs	4 pcs	\$25.00/pcs	\$100.00
Grand Total:										\$100.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/21/18 11:37 AM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(007752-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

007752- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
22-Mar-2018		Aman		PO039360				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	D5605-1 Rev.	D5605-1 01 -PASSIVATION NITRIC #1/ DICHROMATE [PASSIVATION NITRIC #1/ DICHROMATE] QQ-P-35C TYPE 2	PASSIVATION CH	4	4	0	0	0

Notes Additionnelles / Additional Notes

1 Box

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

Purchase Order Receipt Listing

Page 1 of 2

Thursday, May 11, 2017 9:21:33 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36207 Receipt Dates from 5/10/2017 to 5/10/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO36207	1		M303B1.000X03.000 f		5/11/2017	5/10/2017	12.0000 ✓	\$43.54	0.0000	0	\$522.43
CAD	No		303 BAR 1" X 3' f		12.0000	PLOU01		\$522.43	0.0000	0	
			m137481								
	2		M303R0.625 f		5/11/2017	5/10/2017	12.0000 ✓	\$3.48	0.0000	0	\$41.72
	No		303 Round Bar 0.625" f		12.0000	PLOU01		\$41.72	0.0000	0	
			m137481								
	3		M303R1.000 f		5/11/2017	5/10/2017	24.0000 ✓	\$6.06	0.0000	0	\$145.54
	No		303 Round Bar 1.00 f		24.0000	PLOU01		\$145.54	0.0000	0	
			m137481								
	4		M303R2.000 f		5/11/2017	5/10/2017	12.0000 ✓	\$19.10	0.0000	0	\$229.23
	No		303 ROUND BAR 2" f		12.0000	PLOU01		\$229.23	0.0000	0	
			m137481								
	5		M304S18GA sf		5/11/2017	5/10/2017	64.0000 ✓	\$3.42	0.0000	0	\$218.76
	No		304/316 .050 Sheet sf		64.0000	PLOU01		\$218.76	0.0000	0	
			m137481								
	6		M6061T6B1.000X02. f		5/11/2017	5/10/2017	12.0000 ✓	\$5.75	0.0000	0	\$68.95
	No		6061-T6 Bar 1.00 x f		12.0000	PLOU01		\$68.95	0.0000	0	
			2.00								
			m137481								
	7		M6061T6B2.000X08. f		5/11/2017	5/10/2017	8.0000 ✓	\$57.10	0.0000	0	\$456.77
	No		6061-T6 BAR 2.00' f		8.0000	PLOU01		\$456.77	0.0000	0	
			X 8.00" (CUT IN								
			4FT SECTION)								
			m137481								
	8		M6061T6R0.563 f		5/11/2017	5/10/2017	12.0000 ✓	\$3.35	0.0000	0	\$40.26
	No		6061-T6 ROUND f		12.0000	PLOU01		\$40.26	0.0000	0	
			BAR .563								
			m137481								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO36207	10		71401-45		5/11/2017	5/10/2017	1.0000	\$0.00	0.0000	0	\$0.00
CAD	No		PROCUREMENT		1.0000	PLQU01		\$0.00	0.0000	0	
			QUALITY								
			CLAUSES								
			m137481								

B I L L O F L A D I N G

No: PEC 44168

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 08May17 at 13:10 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 47419- 1 Your PO # 36207
STAINLESS STEEL ROUND BAR 303 STAINLESS
.625" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
37213	647401	12 FT	1	13

2) Our Order PEC- 47419- 2 Your PO # 36207
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
258T	647402	24 FT	2	65

3) Our Order PEC- 47419- 3 Your PO # 36207
STAINLESS STEEL ROUND BAR 303 STAINLESS
2.00" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
427899	647495	12 FT	1	135

4) Our Order PEC- 47419- 4 Your PO # 36207
STAINLESS STEEL SHEET 304L-2B DUAL GRADE
.0480 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
62S81329C	647569	64.00 SFT	2	123

5) Our Order PEC- 47419- 5 Your PO # 36207
ALUMINUM FLAT BAR 6061-T6511
1.00" x 2.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201704515	647403	12 FT	1	29

Page: 1.....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

SP17-5-10

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

B I L L O F L A D I N G

No: PEC 44168

Ship Date 08May17 at 13:10 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC- 47419- 6 Your PO # 36207
ALUMINUM FLAT BAR 6061-T6511
2.00" X 8.00" X 48.0000"

Heat Number
201704823

Tag No
647574

Quantity
8 FT

PCS
2

Wt LBS
152

MTR

7) Our Order PEC- 47419- 7 Your PO # 36207
ALUMINUM ROUND BAR 6061-T6511
.562" DIA X 144.0000"

Heat Number
201603729

Tag No
647404

Quantity
12 FT

PCS
1

Wt LBS
4

MTR

TOTAL: Tags 7 PCS 10 LBS 521

Heat Number
201603729
201704515
201704823
258T
37213
427899
52S81329C

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 2 BDLS, 2 SKIDS GW. 652 LBS

Page: 2 ...Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 44135
Ship Date 08May17 at 10:33 From PFW

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

① Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 47549- 1 Your PO # 36207
STAINLESS STEEL FLAT BAR 303CD
1.00" X 3.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	MTR	Wt	LBS
56161312	688846	12 FT	1			128

TOTAL:	Tags	PCS	LBS
	1	1	128

ADD ON TO 47419 SUR-CHARGE ADDED *****

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TPOTAL 1 BDL GW. 128 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 44135

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 08May17 at 10:33 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

245-11

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
 RAPPORTEES IMMEDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

B I L L O F L A D I N G
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 44168
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Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

=====

B I L L O F L A D I N G
*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 3 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS
.625" DIA X 144.0000"
PART NO.

PO/Rel 36207

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-044168-001

8 May 17

Signed by: 

Pg 1/1

VIRAJ PROFILES LIMITED



Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vielqc@viraj.com

TEST CERTIFICATE

CUSTOMER FIDELITY PAC METALS LTD. 1303 North Service Rd East, Unit 1, Oakville ON L6H 1A7 CANADA	ORDER NO P003588-B	PACKING LIST NO 62/989771/15	INSPECTION NO 100005244668 GRADE T-303	DATE 15.05.2015 HEAT No 37213
---	------------------------------	--	---	--

BUNDLE NO :
1100345107

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
5/8"	ROUND	ASTM A484	12' - 14'	81	1,027,000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0400	1.990	0.600	0.3000	0.0340	17.370	8.080	0.500	0.240	0.160	0.03300

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
94.0	104.0	38.0	57.0	212.0	7.0

SPECIFICATION:

MATERIAL CONFORMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A 582M-13 COND A, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQ-S-744BA2 COND A, EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11a B8P CLASS I, ASME SA 320 B8P CLI MIL-S-1852 B GRADE AISI 303 & WNR 1.4305.
CERTIFIED AS PER EN 10204-3.1

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.


WORKS INSPECTOR
K R K MURTHY

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M303RO.625
DATE MAY 11 2017

PO BATCH NO. P036207/M137481

MATERIAL CERT REC'D. yes
QUANTITY RECEIVED: 12
QUANTITY INSPECTED: 12
QUANTITY REJECTED: 0

THICKNESS ORDERED: .625
THICKNESS RECEIVED: .622
SHEET SIZE ORDERED: N/A
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N ☐	
CORRECT FINISH	☒ Y ☐ N	
CORROSION	☒ Y ☐ N	
CORRECT GRAIN DIRECTION	☒ Y ☐ N	
CORRECT MATERIAL	☒ Y ☐ N	
CORRECT THICKNESS	☒ Y ☐ N	
PHOTO REQUIRED	☒ Y ☐ N	
CORRECT MATERIAL	☒ Y ☐ N	
CORRECT REF # TO LINK CERT	☒ Y ☐ N	ASTM A582 HT # 37213
CORRECT MATERIAL IDENTIFICATION	☒ Y ☐ N	
CORRECT M# ON THE MATERIAL	☒ Y ☐ N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☐ N ☒	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☐ N ☒	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: CB

SIGNED OFF BY: _____

DATE: MAY 11 2017

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36207**

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 1 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAY 05 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303B1.000X03.000	303 BAR 1" X 3"	5/11/2017 No 5/11/2017		12.00 f	\$59.48	\$713.70
	MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE						
	1x 8017-5-10						
	Line Total:						\$713.70
2	M303R0.625	303 Round Bar 0.625"	5/11/2017 Yes 5/11/2017		12.00 f	\$4.75	\$57.00
	MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE						
	Line Total:						\$57.00

PO Instructions: NO PEC ST-46295

Note:

5/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36207

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 2 of 5

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	M303R1.000	303 Round Bar 1.00	5/11/2017	24.00	\$8.28	\$198.82
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Yes

5/11/2017

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$198.82

4	M303R2.000	303 ROUND BAR 2"	5/11/2017	12.00	\$26.10	\$313.16
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Yes

5/11/2017

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$313.16

5	M304S18GA	304/316 .050 Sheet	5/11/2017	64.00	\$4.67	\$298.85
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Yes

5/11/2017

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

PO Instructions: NO PEC ST-46295

Note:

5/5/2017

8817-510



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36207**

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 3 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

6 M6061T6B1.000X02.000 6061-T6 Bar 1.00 x 2.00 5/11/2017
Yes
5/11/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$298.85

12.00 \$7.85 \$94.20
f

SP7-5-10
1x

Line Total: \$94.20

7 M6061T6B2.000X08.000 6061-T6 BAR 2.00' X 8.00" (CUT IN 4FT SECTION) 5/11/2017
Yes
5/11/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: PLEASE CUT IN SECTION OF 4 FT LENGHT

8.00 \$78.00 \$624.00
f

SP7-5-10
2x

Line Total: \$624.00

PO Instructions: NO PEC ST-46295

Note:

5/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36207**

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 4 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

8	M6061T6R0.563	6061-T6 ROUND BAR .563	5/11/2017	12.00	✓	\$4.58	\$55.00
			Yes 5/11/2017	f			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

SP17-5-10

Line Total: \$55.00

9	M6061T6S.040	6061-T6 .040 Sheet	5/11/2017	96.00		\$2.54	\$244.00
			Yes 5/11/2017	sf			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$244.00

PO Instructions: NO PEC ST-46295

Note:

5/5/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36207

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 5 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

10	71401-45	PROCUREMENT QUALITY CLAUSES	5/11/2017	1.00	\$0.00	\$0.00
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No

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

5/11/2017

SP17-5-10

Line Total: \$0.00

PO Total: \$2,598.73

PO Instructions: NO PEC ST-46295

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/5/2017